

Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Southwest				
ST. CLAIR COUNTY --- 1.5 SW VILLA HILLS [38.52, -90.10]				
	08/12/10 12:28 CST		0	Thunderstorm Wind (EG 52 kt)
	08/12/10 12:28 CST		0	Source: Amateur Radio
Thunderstorm winds blew down several large tree limbs.				
MONROE COUNTY --- 1.0 SW MAEYSTOWN [38.21, -90.24]				
	08/12/10 12:40 CST		0	Thunderstorm Wind (EG 56 kt)
	08/12/10 12:40 CST		0	Source: Trained Spotter
A 30 foot tree was split in half by thunderstorm wind gusts.				
ST. CLAIR COUNTY --- 1.4 W ROACHTOWN [38.47, -90.06]				
	08/12/10 12:48 CST		0	Hail (0.88 in)
	08/12/10 12:48 CST		0	Source: Amateur Radio
ST. CLAIR COUNTY --- BELLEVILLE [38.52, -89.98]				
	08/12/10 12:48 CST		0	Thunderstorm Wind (EG 52 kt)
	08/12/10 12:48 CST		0	Source: Amateur Radio
Thunderstorm winds blew down numerous large tree limbs around town.				
MADISON COUNTY --- MADISON [38.68, -90.15]				
	08/12/10 12:55 CST		0	Thunderstorm Wind (EG 52 kt)
	08/12/10 12:55 CST		0	Source: Trained Spotter
Thunderstorm winds blew down several large trees and many large tree limbs.				
MONROE COUNTY --- 2.3 ESE FULTS [38.15, -90.18]				
	08/12/10 13:00 CST		0	Thunderstorm Wind (EG 56 kt)
	08/12/10 13:00 CST		0	Source: Emergency Manager
A large tree was blown onto Bluff Road. The road was blocked for about 2 hours.				
RANDOLPH COUNTY --- 1.0 SW RED BUD [38.21, -89.99]				
	08/12/10 13:20 CST		0	Thunderstorm Wind (EG 61 kt)
	08/12/10 13:20 CST		0	Source: Broadcast Media
Four power poles were broken by thunderstorm wind gusts.				
ST. CLAIR COUNTY --- 0.8 NNE LENZBURG [38.29, -89.82]				
	08/12/10 13:25 CST		0	Thunderstorm Wind (EG 56 kt)
	08/12/10 13:25 CST		0	Source: Broadcast Media
A small shed was destroyed by thunderstorm wind gusts.				
MONROE COUNTY --- 0.4 SSW COLUMBIA [38.44, -90.20]				
	08/12/10 13:30 CST		0	Hail (0.88 in)
	08/12/10 13:30 CST		0	Source: Public
ST. CLAIR COUNTY --- 1.0 N MARISSA [38.24, -89.75]				
	08/12/10 13:30 CST		0	Thunderstorm Wind (EG 56 kt)
	08/12/10 13:30 CST		0	Source: Amateur Radio
Thunderstorm winds blew down a 90 foot tree on the north side of Marissa. Also, numerous large tree limbs were blown down around town.				
RANDOLPH COUNTY --- 0.5 NW COULTERVILLE [38.18, -89.61]				

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	08/12/10 13:45 CST		0	Thunderstorm Wind (EG 56 kt)
	08/12/10 13:45 CST		0	Source: Amateur Radio

Thunderstorm winds blew down a power line onto a house starting a small fire. Also, numerous large tree limbs were blown down around town. A couple of the large tree limbs caused minor to moderate damage to two vehicles in town.

Isolated pulse thunderstorms developed across the region. Some of the storms produced damaging winds and isolated large hail.

MISSOURI, East

ST. LOUIS (C) COUNTY --- 2.0 ENE ST LOUIS [38.66, -90.22]

08/12/10 11:57 CST	0	Thunderstorm Wind (EG 52 kt)
08/12/10 11:57 CST	0	Source: Broadcast Media

Thunderstorm winds blew down a large tree on the north side of St. Louis.

ST. LOUIS COUNTY --- 0.8 SW (SUS)SPIRIT/ST LOUIS [38.66, -90.66]

08/12/10 12:02 CST	0	Thunderstorm Wind (MG 54 kt)
08/12/10 12:02 CST	0	Source: ASOS

ST. CHARLES COUNTY --- 1.4 WSW HARVESTER [38.74, -90.61], 0.4 S HARVESTER [38.74, -90.58]

08/12/10 12:08 CST	0	Thunderstorm Wind (EG 60 kt)
08/12/10 12:10 CST	1	Source: Newspaper

Thunderstorm winds caused considerable damage in the Harvester area. Numerous trees, tree limbs and power lines were blown down. Also, several buildings sustained minor to moderate roof damage. At an auto repair business, an employee sustained a cut to his hand due to flying debris. A nearby stripmall had major roof damage and an air conditioning unit on the roof was blown off. A little further to the east, an 80 foot by 40 foot tent was blown over and the produce that was being sold there was scattered on the ground.

ST. LOUIS COUNTY --- 0.8 SW (SUS)SPIRIT/ST LOUIS [38.66, -90.66]

08/12/10 12:12 CST	0	Thunderstorm Wind (MG 52 kt)
08/12/10 12:12 CST	0	Source: ASOS

ST. LOUIS COUNTY --- 1.1 SW CHESTERFIELD [38.66, -90.58]

08/12/10 12:18 CST	0	Thunderstorm Wind (EG 52 kt)
08/12/10 12:18 CST	0	Source: Trained Spotter

Thunderstorm winds blew over a large tree.

ST. FRANCOIS COUNTY --- 1.7 SSW HAZEL RUN [37.93, -90.48]

08/12/10 12:35 CST	0	Thunderstorm Wind (EG 52 kt)
08/12/10 12:35 CST	0	Source: Law Enforcement

Thunderstorm winds blew down several power lines east of Bonne Terre.

ST. LOUIS (C) COUNTY --- 2.4 NNE ST LOUIS [38.68, -90.23], 2.3 NE ST LOUIS [38.67, -90.22]

08/12/10 12:45 CST	0	Thunderstorm Wind (EG 56 kt)
08/12/10 12:45 CST	0	Source: Broadcast Media

Thunderstorm winds blew down numerous trees, tree limbs and power lines on the northside of St. Louis. Also, a house on Bircher Blvd. sustained major roof damage with a portion of the roof being blown off.

ST. CHARLES COUNTY --- 1.4 S DARDENNE [38.75, -90.75]

08/12/10 13:35 CST	0	Thunderstorm Wind (EG 52 kt)
08/12/10 13:35 CST	0	Source: NWS Employee

An off-duty National Weather Service employee reported 60 mph wind gusts and pea sized hail at the intersection of Interstate 64 and Winghaven Blvd.

LINCOLN COUNTY --- TROY [38.98, -90.98]

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	08/12/10 14:00 CST		0	Thunderstorm Wind (EG 52 kt)
	08/12/10 14:00 CST		0	Source: Amateur Radio

Six to eight inch tree limbs were broken by thunderstorm winds.

LINCOLN COUNTY --- MOSCOW MILLS [38.95, -90.92]

08/12/10 14:15 CST	0	Thunderstorm Wind (EG 56 kt)
08/12/10 14:15 CST	0	Source: Amateur Radio

Five utility poles were pushed over and were leaning at a 30 degree angle on the northeast side of town.

COLE COUNTY --- 1.0 ESE JEFFERSON CITY [38.57, -92.16]

08/12/10 14:20 CST	0	Thunderstorm Wind (EG 52 kt)
08/12/10 14:20 CST	0	Source: Trained Spotter

A street sign was blown over and large tree limbs were blown down.

LINCOLN COUNTY --- 1.3 ENE SOUTH TROY [38.96, -91.00], 1.1 NW MOSCOW MILLS [38.96, -90.93], 2.2 ENE TROY [39.00, -90.95], 2.2 NW TROY [39.00, -91.01]

08/12/10 14:50 CST	0	Flash Flood (due to Heavy Rain)
08/12/10 17:30 CST	0	Source: Amateur Radio

Several streets in downtown Troy were flooded and became impassable. Numerous intersections across town were underwater.

Isolated pulse thunderstorms developed across the region. Some of the storms produced damaging winds and isolated large hail.